

COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										100 AND 200 COLUMNS									
BC 2367. Anomalous determination of nickel in steel. G. A. Batskova, G. E. Belitskova, and E. A. Sorochinsky (J. anal. Chem. USSR, 1981; 6: 108-109).—The sample of steel (0.5 g.) is dissolved in 1 : 1 HCl, the solution is evaporated to 1–2 ml., 10 ml. of water are added, and the Fe is pptd. by addition of hot 5% NaF solution. The solution is kept for 8–10 min., mp. NH₄ is added until the odor of NH₃ persists, and an ammonium molybdate solution of the Ni is carried out at 100°C. without disturbance of the FeF₆ complex, using a dropping Hg cathode and an external HgCl anode and as titrant a solution of 1 g. of dimethylglyoxime in 100 ml. of 2% NaOH diluted to 1 l. with water. Or does not interfere. G. S. SMITH. C9																													
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																													
100 AND 200 COLUMNS																													

BUTENKO, G.A.

137-58-5-11111

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 315 (USSR)

AUTHORS: Butenko, G.A., Rodionova, Ye. M.

TITLE: A Comparative Study of Methods for the Determination of Arsenic in Ores, Concentrates, and Sinter (Sravnitel'noye izucheniye metodov opredeleniya mysh'yaka v rudakh, kontsentratakh i aglomeratakh)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii. Ukr. resp. pravl., 1956, Vol 4, pp 119-124. Comments, pp 131-137

ABSTRACT: The As determination method, which relies upon the measurement of the intensity of the color produced by AsH₃ in paper saturated with a solution of Hg salts, can not be applied to Fe ores because the AsH₃ does not separate out in sufficient quantities in the presence of salts (of Cu, Fe, and other metals). The photolorimetric method is the most sensitive [0.01 mg of As in 50 mm (should probably read "50 cc", Transl. Ed.) of solution] ; the bromatometric method is approximately 1/10 as sensitive, whereas the hypophosphite method produces low readings due to As losses. For purposes of photolorimetric determination, a 0.5-g portion is placed into a distillation flask to

Card 1/2

137-58-5-11111

A Comparative Study of (cont.)

which 0.5 g of KBr, 0.3 g of hydrazine sulfate, and 40 cc of HCl (1:1) are added; after bubbling through a stream of CO_2 , the liquid is brought to a boil and As, which is driven off in the form of AsCl_3 , is absorbed by water, the distillation process is kept up until $\frac{2}{3}$ of the total volume has been driven off. If the material has not dissolved completely in the HCl, the batch is preliminarily sintered with 0.3 g of Na_2CO_3 in a Pt crucible at a temperature of 1000°C for a period of 50 seconds. After distillation, the distillate is neutralized with NH_4OH , using phenolphthalein as an indicator, and enough water is added to bring the volume to 100 cc. 10-20 cc of the resulting solution are treated with 0.05-N KMnO_4 solution until color appears; the remainder of the solution is reduced with 2 cc of a 0.15% hydrazine sulfate solution. after adding water to increase the volume to 34 cc, 4 cc of a $(\text{NH}_4)_2\text{MoO}_4$ solution (12.5 in 1 liter of 6.5-N H_2SO_4) are added and the mixture is heated in a waterbath for a period of 15 minutes. After the solution has cooled off and enough water is added to increase the volume to 50 cc, the solution is analyzed by colorimetric methods. A "dry-run" test is conducted employing an identical amount of distillate. The relative error in the determination is 1.5%.

N. G.

1. Arsenic--Determination 2. Ores--Test methods

Card 2/2

AUTHORS: Shil'krut, D.I., Docent, Rukin, V.V., Smirnov, V.A. and Butenko, G.A., Engineers SOV/122-58-6-25/37

TITLE: A Mechanical Vibrator with Independent Adjustment of Amplitude and Frequency (Mekhanicheskiy vibrator s nezavisimoy regulirovkoy amplitudy i chastoty)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, nr 6, pp 63-64 (USSR)

ABSTRACT: An experimental vibrating saw designed and tested at the vibration-cutting laboratory of the L'vovskiy lesotekhnicheskii institut (L'vov Lumbering Technology Institute) is described with the help of a cross-sectional drawing. A single shaft rotates in bearings inside a sleeve, itself rotating in two plummer blocks. The central shaft carries the cutting disc saw at one end and is driven by a V-belt pulley at the other end. The rotating sleeve is driven by another V-belt pulley. Due to its eccentric position, this rotation produces oscillations at a frequency independent of the speed of the cutting spindle. The rotating sleeve is mounted inside a set of double

Card 1/2

SOV/122-58-6-25/37

A Mechanical Vibrator with Independent Adjustment of Amplitude and Frequency

eccentrics. The maximum frequency of vibrations is 14 000 cpm. A simple device is diagrammatically illustrated which absorbs the vibrations in one plane and transmits those at right angles. There are 3 figures and 2 Soviet references.

Card 2/2

1. Cutting tools--Design
2. Cutting tools--Performance
3. Vibration--Applications

BUTENKO, G.A.

"Methods of chemical analysis of arsenic ores and products
of their treatment" by A.S.Ruchik. Reviewed by G.A.

Butenko. Zav.lab. 26 no.6:777-779 '60.

(MIRA 13:7)

(Arsenic--Analysis) (Ruchik, A.S.)

BUTENKO, G.A.; KORZH, V.P.; RODIONOVA, Ye.M.

Conditions for the separation of arsenic and production of a
blue arsenic-molybdenum complex. Zhur.anal.khim. 16 no.6:692-
694 N-D '61. (MIRA 14:12)

1. Institut of Ferrous Metallurgy, Academy of Sciences,
Ukrainian S.S.R., Dnepropetrovsk.
(Arsenic--Analysis)
(Molybdenum compounds)

BUTENKO, G.A.; RODIONOVA, Ye.M.; KORZH, V.P.

Photocolorimetric determination of arsenic in ferrous
metals. Zav.lab. 27 no.7:808-810 '61. (MIRA 14: 7)

1. Institut chernoy metallurgii Akademii nauk USSR.
(Arsenic--Analysis)

18(0)

AUTHORS: Butenko, G. F., Radchenko, M. I.

SOV/89-6-2-15/28

TITLE: The Calculation of the Thermal Conductivity of Molten Metals
(O raschete teploprovodnosti rasplavlennykh metallov)

PERIODICAL: Atomnaya energiya, 1959, Vol 6, Nr 2, pp 205 - 207 (USSR)

ABSTRACT: Since there are only few data available on the thermal conductivity of molten metals, they can be obtained for high temperatures only by extrapolation. The graphic solution of this extrapolation is difficult due to the temperature dependence of the thermal conductivity of molten metals. The extrapolation of the electric resistance, however, is not difficult since within a wide temperature range the variation may be considered linear. Now an attempt is made to deduce one single temperature dependence of the Lorentz (Lorents) function for a number of thermodynamically similar metals in order to determine the thermal conductivity from the extrapolated electric resistance values according to the equation $\lambda = L.T/r$, where λ denotes the thermal conductivity, L the Lorentz function, T absolute temperature, and r the electric

Card 1/2

The Calculation of the Thermal Conductivity of Molten Metals SOV/89-6-2-15/28

resistance. The calculations are carried out for aluminum, tin, zinc, and lead, while mercury, cadmium and bismuth were not taken into account due to lacking experimental data on the electric resistance. The validity of the deduced nondimensional Lorentz function can be confirmed only by further experimental data. There are 3 figures and 5 references.

SUBMITTED: April 11, 1958

Card 2/2

S/170/60/003/006/006/011
B013/B067

AUTHORS: Butenko, G. F., Radchenko, M. I.

TITLE: Application of the Theory of Thermodynamic Similarity
for Determining the Physical Properties of Liquid Metals ¹⁸

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 6,
pp. 66 - 71

TEXT: For thermodynamically similar substances it is possible to determine, without experiments, the physical properties of one of the substances from the properties of a similar substance under similar conditions. The theory of thermodynamic similarity shows that thermodynamically similar substances are bound to be universal functions of their parameters of state. The Lorentz function (8) is deduced, and from its similarity to Bachinskiy's formula (9) for the viscosity coefficient it is concluded that viscosity and Lorentz function are determined by the

interaction of molecules. An equation $\mu/\mu_{p1} = \left(\frac{L}{L_{p1}}\right)^{3/2}$ (18) is derived for the relationship between the dimensionless viscosity and the

Card 1/2

Application of the Theory of Thermodynamic
Similarity for Determining the Physical
Properties of Liquid Metals

S/170/60/003/006/006/011
B013/B067

dimensionless Lorentz function for fused metals belonging to a group of thermodynamically similar substances, is deduced. Formulas (17), (19), (20), and (22) are given for computing the physical properties of liquid metals of the same thermodynamic group. The calculated viscosities of some metals were compared with experimental data (Fig. 1 and Table 1), and the computation of the thermal conductivity of lead from the melting points of lead and tin is described. The calculated value is in good agreement with the experimental one. Bachinskiy and A. N. Solov'yev are mentioned. There are 1 figure, 1 table, and 9 references: 8 Soviet and 1 German.

Card 2/2

ARBUZOV, B.A.; BUTENKO, G.G.; YABLOKOV, Yu.V.

Study of some polyene ketones by the electron paramagnetic
resonance method. Izv. AN SSSR, Ser. khim. no. 8:1511-1514 Ag
'63. (MIRA 16:9)

1. Kazanskiy gosudarstvennyy universitet im. Ul'yanova-Lenina i
Fiziko-tekhnicheskii institut Kazanskogo filiala AN SSSR.
(Ketones--Spectra)

ARBUZOV, B.A.; BUTENKO, G.G.; YARKOVA, E.G.

Reaction of dibenzylphosphinic acid with formic acid esters.
Izv. AN SSSR. Ser. khim. no.6:1085-1088 '65.

(MIRA 18:6)

1. Kazanskiy gosudarstvennyy universitet imeni Ul'yanova-Lenina.

SYNOVETS, A.S.; BUTENKO, G.M.

State of the hematoencephalic barrier in acute intestinal obstruction. Vrach. delo no.11:56-59 N'63 (MIRA 16:12)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. M.P.Sokolovskiy), kafedra patologicheskoy anatomii (zav. - prof. Ye.A. Uspenskiy) i kafedra patologicheskoy fiziologii (zav. - dotsent S.M.Mints) lechebnogo fakul'teta Odeskogo meditsinskogo instituta.

BUTENKO, G.M.

Changes in the permeability of the hematoencephalic and hemato-
ophthalmic barriers in alcohol intoxication. Dokl.AN SSSR
133 no.1:240-242 J1 '60. (MIRA 13:7)

1. Odesskiy gosudarstvennyy meditsinskiy institut imeni
N.I.Pirogova. Predstavleno akademikom L.S.Shtern.
(NERVOUS SYSTEM)
(ALCOHOL—PHYSIOLOGICAL EFFECT)

SYNOVETS, A. S.; BUTENKO, G. M.

Distribution of radioactive chlorine in the organism of a rat
with acute intestinal obstruction. Dokl. AN SSSR 156 no. 1:
228-229 My '64. (MIRA 17:5)

1. Odesskiy gosudarstvennyy meditsinskiy institut im. N. I.
Pirogova. Predstavleno akademikom L. S. Shtern.

BUTAYEV, G.M., kand. tekhn. nauk; ROMASHKAN, V.S.

Digital devices for extracting square roots. Avtom. 1 prib.
no.3:26-28 J1-S '64. (MIRA 18:3)

BUTENIN, N.V.

Fixed on the ground astatic gyroscope with dry friction in gimbal
axles. Izv. vuzov. fizichesk. i matemat. nauki. 7 no. 2:99-106 '64.

(MIRA 18:4)

1. Leningradskaya voyennaya inzhenernaya Krasnoznamennaya
akademiya imeni Mozhayskogo. Rekomendovana kafedroy teoreticheskoy
mekhaniki.

BUDKOV, A.M.; BUTENKO, I.K.

Making die-casting molds of tin alloys. Biul.tekh.-ekon.inform.

Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.9:37-38 '63.

(MIRA 16:10)

BUTENKO, I.K.; BUDKOV, A.M.

Manufacturing high efficiency and economical equipment for
the reprocessing of plastics. Mashinostroitel' no.12:32-33
D '63. (MIRA 17:1)

POTYLITSYN, I.V., inzh.; BUTENKO, I.P., inzh.

Protection of electric motors in mines against irregular working conditions. z .vys.ucheb.zav.; gor.zhur. 6 no. 12:164-169 '63.
(MIRA 17:5)

1. Vostochnyy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promyshlennosti.

BUTENKO, I.T.; CHUBAROV, V.I.

Results of the competition. Ugol'.prom. no.3:76 Model 162.

Electric locomotive with dual control cabins and a mechanical
shifting of the storage battery. Ibid.:77

(MIRA 18:3)

BUTENKO, Jan

Rationalization inventions in the field of industrial safety
and hygiene. Ochrona pracy 16 no.12:20-23 '61.

BUTENKO, Jan, inz.

Modern heating and ventilation equipment for school buildings. Przegł
techn no. 27:6. 8 JI '62.

BUTENKO, Jan, inz.

Heating. Bud wiejskie 14 no.2:20-23 F '62.

BUTENKO, Jan, inz.

Inventions in the field of rationalization. Bud wiejskie 14 no.2:
3 of cover F '62.

BUTENKO, Jan, inz.

Above ground irrigation channels. Budown wiejskie 14 no.3:3 of cover Mr '62

BUTENKO, Jan

Rationalizatin inventions in the field of labor safety. Ochrona
pracy 17 no.1:27-29 '62.

BUTENKO, Jan

Modern industrial dust collecting apparatus for textiles with
automatic cleaning. Ochrona pracy 17 no.1:29-31 '62.

BUTENKO, Jan

Technical news; suggestions on rationalization in the field of labor safety and hygiene. Ochrona Pracy 17 no. 3:24-27. Nr '62

BUTENKO, Jan

Individual air humidifier of the "Aerosol" type. Ochrona Pracy
17 no. 3:27-28. Mr '62

SHERSHEVSKIY, A.M.; GERSHKOVICH, B.Ya.; BUTENKO, L.I., red.; STEBLYANKO,
T.B., tekhn. red.

[Two worlds and two different courses; socialist and capitalist roads
of the development of agriculture] Dva mira - dva puti; o sotsialisti-
cheskom i kapitalisticheskom putiakh razvitiia sel'skogo khoziaistva.
Stavropol', Stavropol'skoe knizhnoe izd-vo, 1960. 149 p.

(MIRA 14:11)

(Agriculture)

(United States--Agriculture)

BUTENKO, M., inzh.

Automation and the mailman. Tekh. mol. 31 no.6:31 :63.

(Postal service) (Automation)

(MIRA 16:7)

BUTENKO, N.

In the far North. Za rul. 18 no.6:4 Je '60. (MIRA 13:8)

1. Zamestitel' predsedatelya obkoma Vsesoyuznogo dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu, g. Magadan.
(Magadan Province--Motorcycle racing)

BUTENKO, N. L.

"Booklet for the Fitter on the Assembly of Steam Boilers," Gosenergoizdat,
Moscow, 96 pages, 1951

BUTENKO, N. I.

"Repair of Rotor Couplings," Rab. energ., No.5, 1952

BUTENKO, N. I.

BUTENKO, N.I.; FEDOSEYEV, S.L., redaktor; FRIDKIN, A.M., tekhnicheskii redaktor.

[Handbook for the installation of steam boiler heating surfaces]
Rukovodstvo po montazhu poverkhnosti nagreva parovykh kotlov.
Moskva, Gos. energ. izd-vo, 1954. 223 p. (MLRA 7:8)
(Steam boilers)

BUTENKO, N. L.

AID P - 1185

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 7/27
Author : Butenko, N. L., Eng.
Title : ~~.....~~ Machining the permanent turbogenerator sole plates
Periodical : Energetik, 12, 10-11, D 1954
Abstract : The author briefly describes the technique applied
in machining plates to fit turbogenerators on their
foundations. Three drawings.
Institution : None
Submitted : No date

BUTENKO, N. L.

AID P - 1962

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 11/25

Author : Butenko, N. L., Eng.

Title : ~~XXXXXXXXXXXXXXXXXXXX~~
Increasing the capacity of pneumatic machines of the
PM-2 type

Periodical: Energetik, 4, 23-24, Ap 1955

Abstract : The author describes the machine produced by the
Leningrad Mechanical Boiler Plant of the Ministry
of Construction of Electric Power Stations.
Eng. B. I. Reznikov introduced certain modifications
in the design of this machine, which resulted in a
considerable increase of efficiency. Five drawings.

Institution: None

Submitted : No date

BUTENKO, N. L.

AID P - 2414

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 13/33

Author : Butenko, N. L., Eng.

Title : ~~New method of assembling waterwall sections of a boiler~~

Periodical : Elek sta 5, 45, My 1955

Abstract : The article describes a method of assembling waterwalls for a boiler of the TP-230-2 type as suggested by the construction foreman. Two diagrams.

Institution: None

Submitted : No date

BUTENKO, N. L.

AID P - 2998

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 13/28

Author : Butenko, N. L., Eng.

Title : ~~Mounting and rolling out of tubes in turbine condensers~~

Periodical : Energetik, 6, 20-21, Je 1955

Abstract : The author describes the complicated operation of mounting a turbine condenser in which all the tubes have to be fitted on the spot. He presents a method which permits accelerating and mechanizing a great part of the work. Three drawings.

Institution : None

Submitted : No date

AID P - 2916

Subject : USSR/Electricity
Card 1/1 Pub. 26 - 13/32
Author : Butenko, N. L., Eng.
Periodical : ~~Elek sta,~~ 7, 45-46, J1 1955
Title : Pneumatic conveyance of insulating mixtures and
masonry mortar to boilers
Periodical : Elek.sta., 7, 45-46, J1 1955
Abstract : The method of carrying out brickwork on boilers is
discussed. The pneumatic conveyor is described in
detail. Three diagrams.
Institution : None
Submitted : No date

BUTENKO, N.L.; GRIGOR'YEV, T.Ye., redaktor; KORIKOVSKIY, I.K., redaktor;
CHERNOV, V.S., tekhnicheskiiy redaktor

[Handbook for installation of steam boiler heating surfaces]
Pamiatka slesaria po montazhu poverkhnostei nagreva parovykh kotlov.
Izd.2-oe, perer. i dop. Pod red. T.E.Grigor'eva. Moskva, Gos.energ.
izd-vo, 1957. 150 p. (MLRA 10:9)
(Boilers)

25(1)

PHASE I BOOK EXPLOITATION

SOV/3284

Butenko, N. L., Engineer, L. D. Ginzburg-Shik, Engineer, K. S. Yevtyukhov, Engineer, V. A. Krylov, Engineer, I. I. Mikheyev, L. M. Khinkis, Engineer, B. Z. Chernyak, Candidate of Technical Sciences, and V. N. Yakovlev, Engineer.

Spravochnik po montazhu zavodskogo oborudovaniya (Handbook on Assembling and Installation of Plant Equipment) Moscow, Mashgiz, 1959. 828 p. Errata slip inserted. 20,000 copies printed.

Ed. (Title page): V. N. Yakovlev, Engineer; Ed. (Inside book): G.A. Molyukov, Engineer; Tech. Ed.: A. Ya. Tikhonov; Managing Ed. for Handbook Literature (Mashgiz): I. M. Monastyrskiy, Engineer.

PURPOSE: This book is intended for technical personnel engaged in the installation and erection of industrial equipment.

COVERAGE: The book contains a set of instructions and engineering data on equipment, devices, and tools used in the installation and erection of industrial equipment and machinery. Installation Card 1/4

Handbook on Assembling and Installation (Cont.) SOV/3284

procedures for various machines, pneumatic, hydraulic and lubricating systems are explained. The book also discusses safety regulations and fire prevention instructions to be observed during various operations. The text contains numerous graphs, tables and illustrations. No personalities are mentioned. There are 7 Soviet references.

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PART IV. SAFETY ENGINEERING AND FIRE REGULATIONS DURING
INSTALLATION OF EQUIPMENT (YEVTYUKHOV, K.S., ENGINEER)

AVAILABLE: Library of Congress

Card 4/4

VK/mg
4-26-60

IVANOV, Vladimir Ivanovich; ZAKHAROV, Boris Alekseyevich;
BUTENKO, N.P., red.izd-va; POPOVA, M.G., tekhn.red.

[Development of and advances in the viscosimetric
method for determining the molecular weights of
macromolecular compounds] Razvitie i uspekhi visko-
zimetricheskogo metoda opredelenia molekuliarnykh
vesov vysokomolekuliarnykh soedinenii. Frunze, Izd-
vo AN Kirg.SSR, 1962. 55 p. (MIRA 17:2)

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BUENOS, N.S.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307720020-0"

SOV/137-58-7 14583

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 91 (USSR)

AUTHORS: Krasikov, A.I., Butenko, N.S., Auezov, Zh.

TITLE: Shop Testing of Vacuum Distillation of Silver Foam (Promyshlennoye ispytaniye vakuumnoy distillyatsii serebristoy peny)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 15, pp 16-23

ABSTRACT: A description is offered of the design of an industrial vacuum plant for foam distillation, modifications thereof and shortcomings therein. The results of vacuum distillation of raw and dry silver foam are presented and show that the treatment of raw foam is impractical. The use of vacuum for dry foam does not improve the distribution of the noble metals among the products over that attained by ordinary distillation; the yield of retort drosses is 20-25%, and the maximum extraction of Ag and Au in the retort alloy is 60%. A study is made of the process of vacuum distillation of Ag-Zn alloy obtained in the melting of dry Ag foam in pots under a layer of carnallite. It is shown that at 800°C and a residual pressure of 0.2 mm Hg, 80-84% of the noble metals can be extracted in the retort alloy with a Zn content of 3.4%. Drosses are virtually absent.

Card 1/1

L.P.

1. Industrial plants--Design 2. Silver--Processing 3. Vacuum systems--Applications

BUTENKO, N.S.

Leaching out and crystallizing lead chloride from chloride
solutions. Trudy Akad. Nauk Kazakh. SSR 6:188-193 '58.
(MIRA 12:1)

(Hydrometallurgy) (Lead)

MALKIN, I.M.; CHIRKOVA, N.P.; NEYMAN, V.G.; KARLINSKAYA, L.S.; GANCHENKO, V.M.; POKIDYSHEV, M.I.; CHERNYSHEV, Yu.P.; PLATONOV, G.F.; MIKHAYLOV, N.I.; ABDEYEV, M.A.; MILLER, O.G.; BUTENKO, N.S.; DYUYSEKIN, Ye.K.

Treatment of zinc-bearing slags in electric furnaces with coke conductivity. TSvet. met 33 no. 12:15-23 D '60. (MIRA 13:12)

1. Leninogorskiy polimetallicheskiy kombinat (for Malkin, Chirkova, Neyman, Karlinskaya, Ganchenko, Pokidyshev, Chernyshev). 2. Altayskiy gorno-metallurgicheskiy institut AN KazSSR (for Platonov, Mikhaylov, Abdeyev, Miller, Butenko, Dyuysekin).
(Zinc--Electrometallurgy) (Electric furnaces)

KHAN, O.A.; ABDEYEV, M.A.; BUTENKO, N.S.; BATYUKOVA, G.V.

Lead cementation from a lead chloride melt. Trudy Alt.GMNI
AN Kazakh.SSR 11:56-59 '61. (MIRA 14:8)
(Cementation (Metallurgy)) (Lead--Metallurgy)

VERSHININA, V.V.; ABDEYEV, M.A.; BUTENKO, N.S.

Thermal characteristics of Nikolayevka deposit ores. Trudy Alt.
GMNII AN Kazakh.SSR 11:82-92 '61. (MIRA 4:8)
(Nikolayefka (Altai Territory)--Ore deposits)
(Thermal analysis)

S/032/61/027/002/026/026
B124/B201

AUTHORS: Platonov, G. F., Butenko, N. S.

TITLE: Exchange of experience

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 2, 1961, 236

TEXT: The authors suggest to use an indirect electric arc furnace for melting refractory materials. The furnace is heated by an arc produced between a graphite plate or graphite crucible and a mobile electrode. The furnace consists of a mobile electrode, a crucible, an immobile electrode, and conductive rods. Two procedures have been developed: a) Heat transfer to the molten material is effected by a graphite plate which is heated by an arc which is produced between this plate and the mobile electrode. When heating non-conductive and volatile substances, the plate is put on a special ring-shaped projection of the graphite crucible. A layer of coke lumps and powder prevents heat losses between electrode and crucible. b) The arc discharge takes place between the reinforced bottom of the crucible and the mobile electrode. Heat losses are reduced by insulating the crucible with foam fireclay. The furnace is fed with a voltage of

Card 1/2

Exchange of...

S/032/61/027/002/026/026
B124/B201

50-60 v. For practical purposes, it is possible to use a series of welding transformers with impedance coils. The time needed for preparing and carrying out the melting process of each charge (100 g) of cast iron can be reduced by a) to one-ninth as compared to the use of a 10-kw cryptol furnace. [Abstracter's note: This is a full translation]. There is 1 figure.

ASSOCIATION: Gorno-metallurgicheskiy nauchno-issledovatel'skiy institut Akademii nauk KazSSR (Scientific Research Institute of Mining and Metallurgy of the Academy of Sciences KazSSR)

Card 2/2

PLATONOV, G.F.; ABDEYEV, M.A.; BUTENKO, N.S.; SIZOV, Yu.M.; VERSHININA, V.V.;
MIKHAYLOV, N.I.; SIDORENKO, T.A.; DYUYSEKIN, Ye.K.; PRIMEETOV, M.D.;
KUZHAKHMETOV, E.I.; GANCHENKO, V.M.; SHISHKIN, V.I.; CHIRKOVA, N.P.;
IL'INA, I.I.; BERDUS, Yu.M.

Two-stage method of treating slag and sinter cake in electric furnaces.
Trudy Akad. Nauk Kazakh. SSR 14:4-13 '63. (MIRA 16:9)
(Nonferrous metals—Electrometallurgy)

BUTENKO, O.B.

STRUCHKOV, V.I., professor; SKRIPNICHENKO, D.F., kandidat meditsinskikh nauk;
RUFANOV, I.G., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk
SSSR, direktor; BUTENKO, O.B., glavnyy vrach.

Causes and sequelae of bronchiectasis. Sov.med. 17 no.5:17-20 My '53.

1. Akademiya meditsinskikh nauk SSSR (for Rufanov). 2. Kafedra obshchey
khirurgii lechebnogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo
instituta na baze bol'nitsy imeni Medsantrud (for Struchkov, Skripnichenko,
Rufanov). 3. Bol'nitsa imeni Medsantrud (for Butenko).
(Bronchi--Dilatation)

BUTENKO, O.B.

ZHAROVA, V.V.; RUFANOV, I.G., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BUTENKO, O.B., glavnyy vrach.

Case of a perforating gastric ulcer recurring four times. Sov.med. 17 no. 6:37-38 Je '53. (MLRA 6:6)

1. Akademiya meditsinskikh nauk SSSR (for Rufanov). 2. Kafedra obshchey khirurgii I-go Moskovskogo ordena Lenina meditsinskogo instituta na baze bol'nitsy Medsantrud (for Zharova and Rufanov). 3. Bol'nitsa Medsantrud (for Butenko). (Ulcers)

Butenko, O.B.

STRUCHKOV, V.I., professor; SKRIPNICHENKO, D.F., kandidat meditsinskikh nauk;
BUTENKO, O.B., glavnyy vrach.

Streptomycin therapy of surgical cases. Sov.med. 17 no.9:15-17 S '53.
(MLRA 6:9)

1. Klinika obshchey khirurgii I Moskovskogo ordena Lenina meditsinskogo
instituta na baze bol'nitsy im. Medsantrud.
(Streptomycin--Therapeutic use) (Operations, Surgical)

BUTENKO, O.B.

SIDORINA, F.I., kandidat meditsinskikh nauk; STRUCHKOV, V.I., professor, zaveduyushchiy: BUTENKO, O.B., glavnyy vrach.

Synthomycin emulsion therapy of acute suppurative processes. Sov.med. 17
no.9:21-23 S '53. (MLRA 6:9)

1. Kafedra obshchey khirurgii lechebnogo fakul'teta I Moskovskogo ordena
Lenina meditsinskogo instituta na base bol'nitsy im. Medsantrud (for
Struchkov and Sidorina). 2. Bol'nitsa im. Medsantrud (for Butenko).
(Antibiotics) (Suppuration)

PAISOV, I.V.; PANCHENKO, Ye.V.; BUTENKO, O.I.

Processes occurring during the tempering of complex alloy steel.
Izv. vys. ucheb. zav.; chern. met. 4 no.7:149-153 '61.
(MIRA 14:8)

1. Moskovskiy institut stali.
(Steel alloys--Heat treatment)

BUTENKO, O.I.

Ionic nitriding. Metalloved. i term.obr.met. no.10:57-60
0 '65. (MIRA 18:11)

BUTENKO O.M.
DEFINOVA, T.S.; BUTENKO, O.M.

Autogenous development of ovaries in the female *Anopheles hyrcanus* in northern Kirghizia. Med.paraz. i paraz.bol. 24 no.3: 269 J1-S '55. (MLRA 8:12)

1. Iz entomologicheskogo otdela Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta prof. P.G.Sergiyev, zav.otdelom prof. V.N. Beklemishev)
(KIRGHIZISTAN--MOSQUITOES)

BUTENKO, O. M.

Gamasid mites and fleas found on birds during their fall flight and migrations in the Tatar A.S.S.R. Nauch.dokl.vys.shkoly; biol. nauki no.2:16-18, '59. (MIRA 12:6)

1. Rekomendovana kafedroy entomologii Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(Tatar A.S.S.R.--Mites) (Tatar A.S.S.R.--Fleas)
(Parasites--Birds)

BUTENKO, O. M., Cand Biol Sci -- (diss) "The Fauna and Ecology of Gamasoid Mites in Relation to Birds" Moscow, 1960; 16 pages. (Moscow State Univeristy in Lomonosov). 150 copies; price not given. (KL, 18-60, 149)

BUTENKO, O.M.

New mite species of the family Rhinonyssidae parasitic in the
nasal cavity of birds. Zool. zhur. 39 no. 10:1489-1496
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1. Department of Entomology, Moscow State University.
(Menzelinsk District--Mites)
(Parasites--Birds)

BUTENKO, O.M.

Some data on the biology and individual development of *Dermanyssus hirundinis* (Herman, 1804) Berlese (Gamasoidea). Nauch. dokl. vys. shkoly; biol. nauki no.3:26-29 '61. (MIRA 14:7)

1. Rekomendovana zoologo-entomologicheskoy laboratoriyey Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
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BUTENKO, O.M.

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k pozn. fauny i flory SSSR. Otd. zool. no.30:294-299 '64.
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1. Okakiy gosudarstvennyy zapovednik.

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(Rhinonyssidae, Gamascidea), a parasite of water birds. Zool. zhur.
43 no.2:274-276 '64. (MIRA 17:6)

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Transl. of title: Tables for the Analysis of Reinforced Concrete Slab Girders Equipped with One-Sided Reinforcement.

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'58. (MIRA 11:12)
(United States--Electric power distribution--Rich tension)

BUTENKO, P. I.

Is the director of the Stavropol' Motor Vehicle Transportation Trust
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1. Nachal'nik shakhty No.5/6 im. Dimitrova tresta Krasnoarmeyskugol' kombinata Stalinugol' (for Koshkin). 2. Zamestitel' glavnogo inzh. shakhty No.5/6 im. Dimitrova tresta Krasnoarmeyskugol' (for Butenko).

(Donets Basin--Coal mines and mining)

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PONOMARENKO, I. L., BUTENKO, P. T., MUSIYENKO, S. T.

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USSR/ Scientists - Biology

Card 1/1 : Pub. 124 - 32/38

Authors : Butenko, R. G., Cand. of Biol. Sc.

Title : In memory of academician N. A. Maksimov

Periodical : Vest. AN SSSR 8, page 106, Aug 1954

Abstract : Minutes of meeting held at the K. A. Timiryazev Institute of Plant Physiology honoring the memory of academician N. A. Maksimov.

Institution :

Submitted :

BUTENKO, R.G.

APPROVED FOR RELEASE: 06/09/2000

Effect of ionizing radiation on the plant organism. Fizil.rast.
1 no.2:146-155 N-D '54. (MIRA 8:10)

1. Institute fiziologii rasteniy imeni K.A.Timiryazeva Akademii
nauk SSSR, Moscow

(Plants, Effect of radiation on)

BUTENKO, R.G.

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(Plant cells and tissues)

R. Z. A. S. R. G.

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BUTENKO, R.G.; BASKAKOV, Yu.A.

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1. K.A.Timiriachev Institute of Plant Physiology, U.S.S.R. Academy of
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(Maleic acid)

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BUTENKO, R.G.

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1. K.A. Timiriazav Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.
(Growth (Plants)) (Tissue culture)

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1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR.
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(Gibberellic acid) (Hormones (Plants))
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(GURA 19:1)

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